

Attachment to Preliminary Amendment dated December 14, 2001

Marked-up Claims 1-10

1. (Amended) A peroxide bleaching solution for bleaching [activator for use in] paper pulp containing lignin, the solution comprising: a bleaching activator comprising [characterized in that the activator is] a mono-, di- or triformalic, acetic or propionic ester of glycerol.

2. (Amended) [A] The peroxide bleaching [activator] solution according to Claim 1, [characterized in that] wherein the activator is glycerol triacetate.

3. (Amended) [A] The peroxide bleaching [activator] solution according to Claim 1, [characterized in that] wherein the activator is glycerol diacetate.

4. (Amended) [A] The peroxide bleaching [activator] solution according to Claim 1, [characterized in that] wherein the [activator is used in peroxide bleaching of chemical or mechanical pulp] bleaching solution additional comprises a chelating agent, a stabilizer, lye, and waterglass.

5. (Amended) [A] The peroxide bleaching [activator] solution according to Claim 1, [characterized in that the amount of the activator used is 0.2 – 5kg/ton of pulp] wherein the bleaching solution comprises peracetic acid.

Attachment to Preliminary Amendment dated December 14, 2001

Marked-up Claims 1-10

6. (Amended) A method of bleaching of paper pulp containing lignin to improve opacity comprising adding mono-, di- or triformalic, acetic or propionic ester of glycerol as a bleaching activator in peroxide to the paper [according to Claim 1, characterized in that the amount of the activator used is 1 – 3kg/ton of] pulp.
7. (Amended) A method for bleaching pulp containing lignin with a [activator according to Claim 1, characterized in that the] bleaching solution containing [the activator also contains chelating agents, stabilizers, lye, and waterglass] hydrogen peroxide, comprising adding a bleaching activator comprising a mono-, di- or triformalic, acetic or propionic ester of glycerol to the bleaching solution to improve the opacity.
8. (Amended) [A] The method [bleaching activator] according to Claim [1, characterized in that the activator is used together with peracetic acid] 7, wherein the pulp to be bleached comprises a mechanical pulp.
9. (Amended) The [use of mono-, di- or triformalic, acetic or propionic ester of glycerol as a bleaching activator in paper pulp containing lignin] method according to Claim 7, wherein the activator is added in amount of 0.2-5 kg/ton of pulp.

Attachment to Preliminary Amendment dated December 14, 2001

Marked-up Claims 1-10

10. (Amended) [A bleaching method for pulp containing lignin, characterized in that an activator according to Claim 1 is added to a bleaching solution containing hydrogen peroxide to improve the opacity] The method according to Claim 7, wherein the activator is added in amount of 1-3 kg/ton of pulp.

RECORDED - U.S. PATENT AND TRADEMARK OFFICE